

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
 Data File : BG020644.D
 Acq On : 31 Dec 2015 16:36
 Operator : UM/SJ
 Sample : G4846-19DL 30X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N65DL

Quant Time: Jan 01 03:19:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 01 03:15:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	17891	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	80900	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	62668	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	165058	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	199276	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	188120	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.39	67	592	0.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	677	0.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	167	0.13	ng/ul	0.01
19) Nitrobenzene-d5	9.25	128	289	0.46	ng/ul	0.02
22) 2-Nitrophenol-d4	9.96	143	427	0.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	381	0.28	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	5636	1.10	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	6099	1.05	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	5646	1.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.44	188	165058	21.46	ng/ul	-0.10
79) Pyrene-d10	19.83	212	10004	1.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	10091	1.08	ng/ul	0.00

Target Compounds

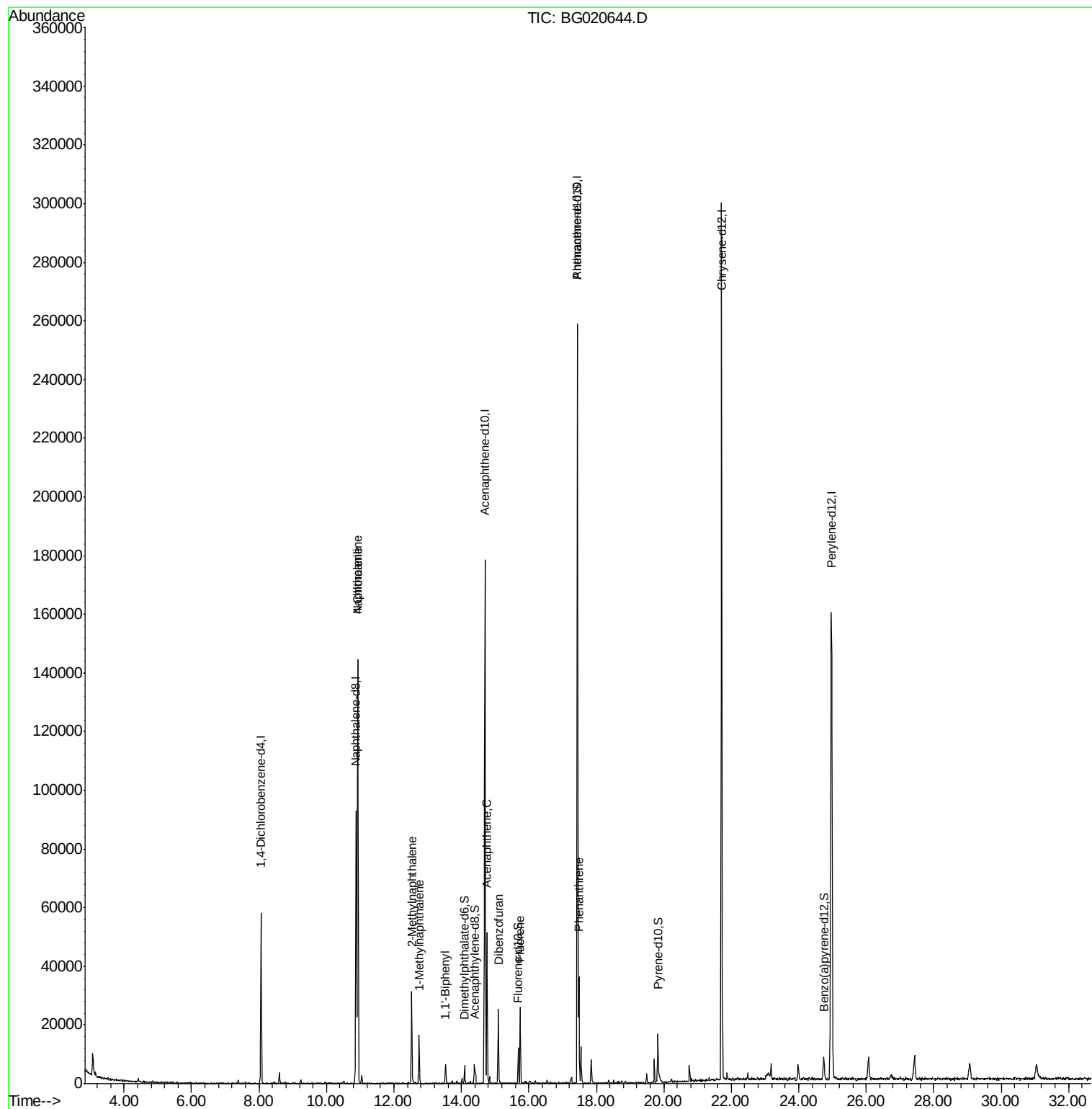
					Qvalue
28) Naphthalene	10.92	128	125919	29.39 ng/ul	100
30) 4-Chloroaniline	10.92	127	16696	9.93 ng/ul#	16
34) 2-Methylnaphthalene	12.53	142	15447	4.82 ng/ul	97
35) 1-Methylnaphthalene	12.75	142	8689	2.81 ng/ul	99
41) 1,1'-Biphenyl	13.53	154	4827	1.02 ng/ul#	90
50) Acenaphthene	14.76	153	23604	5.62 ng/ul	98
54) Dibenzofuran	15.09	168	18499	2.92 ng/ul	98
59) Fluorene	15.74	166	12743	2.50 ng/ul	97
70) Phenanthrene	17.48	178	24900	2.77 ng/ul	96

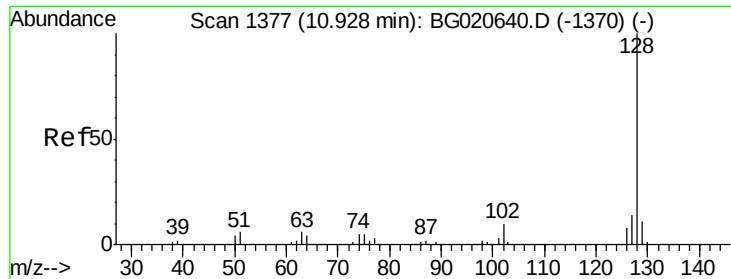
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 29.39 ng/ul

RT: 10.92 min Scan# 1376

Delta R.T. -0.00 min

Lab File: BG020644.D

Acq: 31 Dec 2015 16:36

Instrument :

BNA_G

ClientSampleId :

D9N65DL

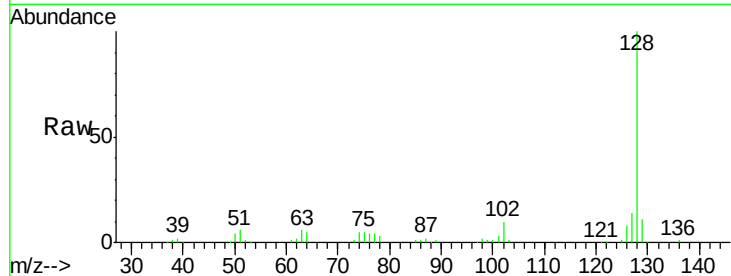
Tgt Ion:128 Resp: 125919

Ion Ratio Lower Upper

128 100

129 10.6 8.3 12.5

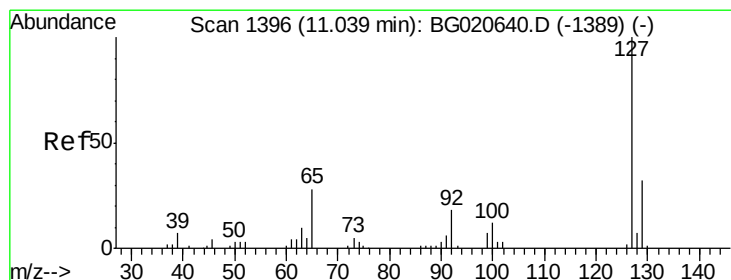
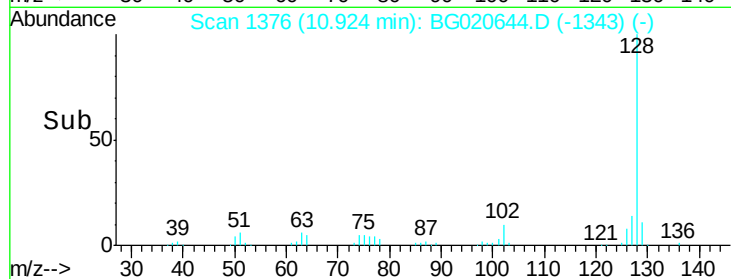
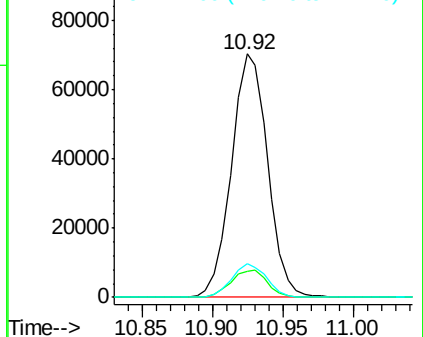
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 9.93 ng/ul

RT: 10.92 min Scan# 1376

Delta R.T. -0.12 min

Lab File: BG020644.D

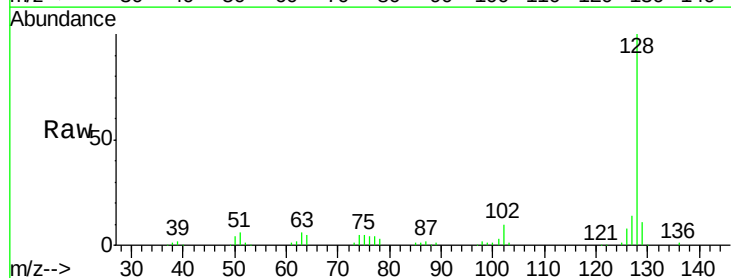
Acq: 31 Dec 2015 16:36

Tgt Ion:127 Resp: 16696

Ion Ratio Lower Upper

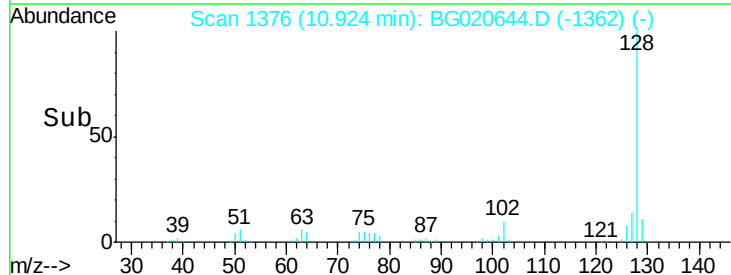
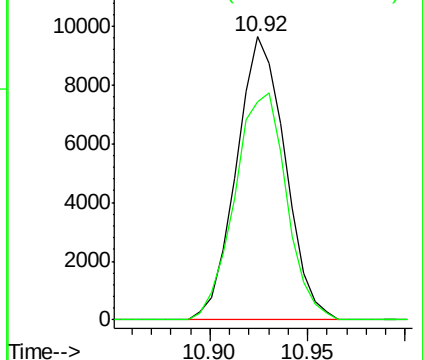
127 100

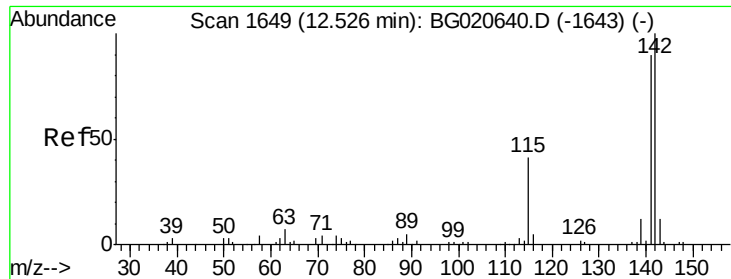
129 77.0 24.6 37.0#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

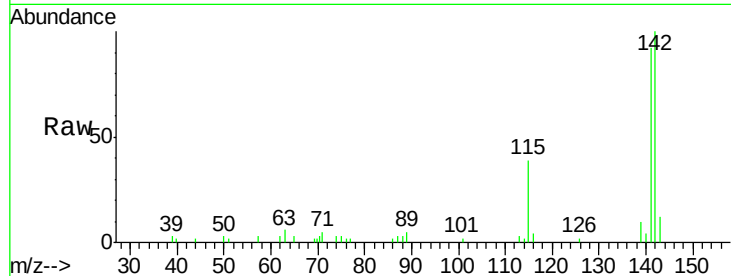




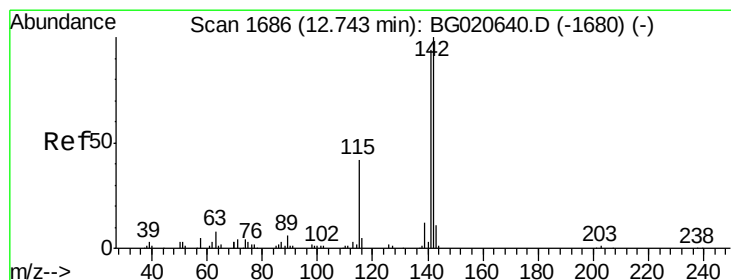
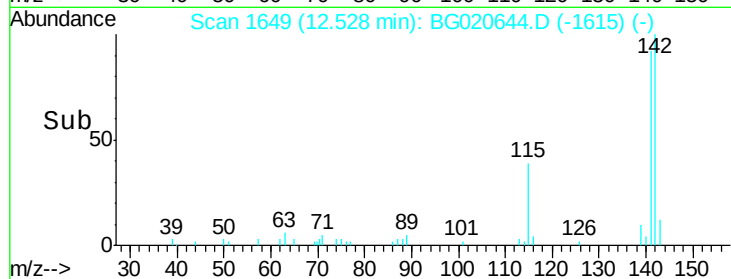
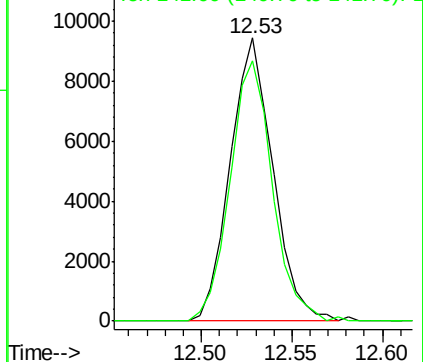
#34
 2-Methylnaphthalene
 Concen: 4.82 ng/ul
 RT: 12.53 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BG020644.D
 Acq: 31 Dec 2015 16:36

Instrument :
 BNA_G
 ClientSampleId :
 D9N65DL

Tgt Ion:142 Resp: 15447
 Ion Ratio Lower Upper
 142 100
 141 91.8 71.4 107.2

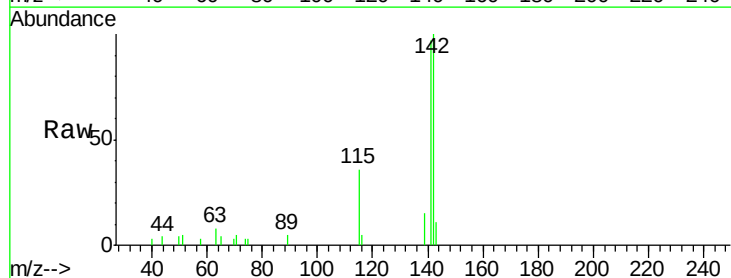


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

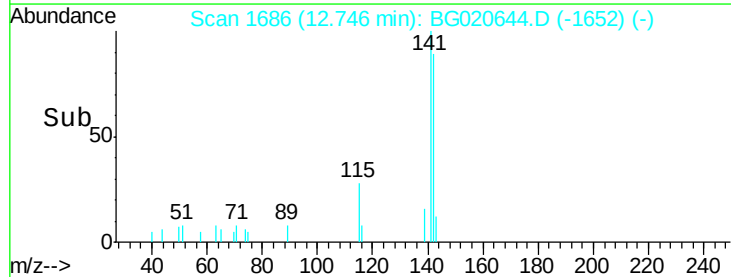
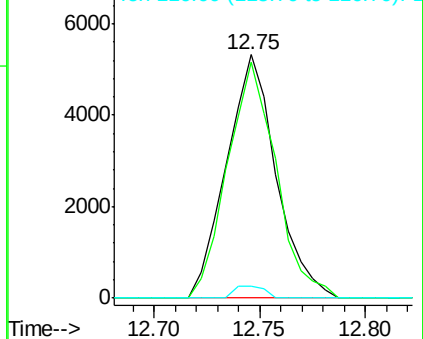


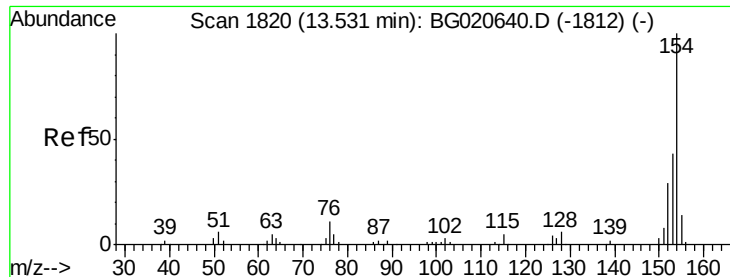
#35
 1-Methylnaphthalene
 Concen: 2.81 ng/ul
 RT: 12.75 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BG020644.D
 Acq: 31 Dec 2015 16:36

Tgt Ion:142 Resp: 8689
 Ion Ratio Lower Upper
 142 100
 141 96.9 76.6 115.0
 116 5.1 3.6 5.4



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

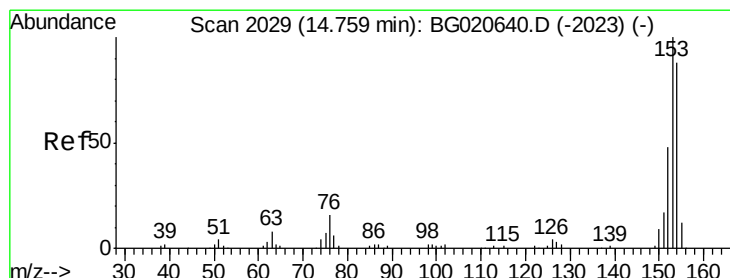
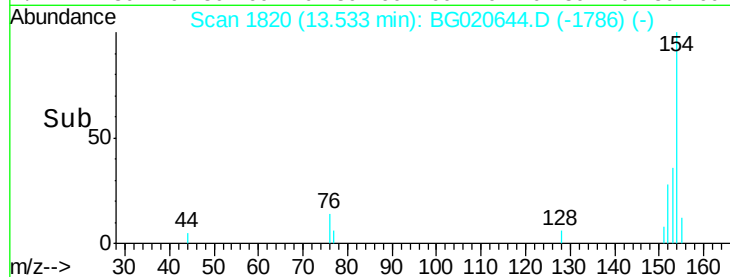
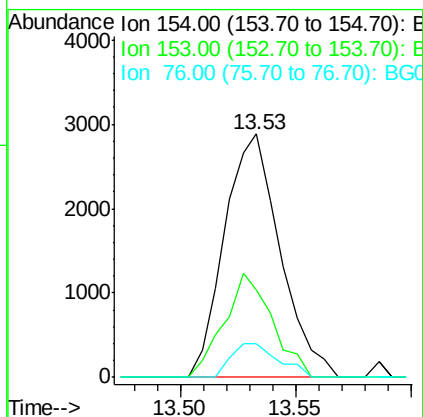
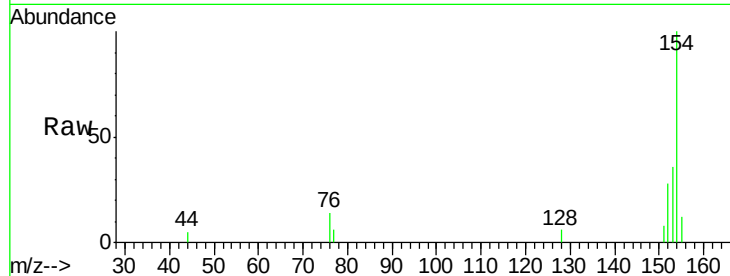




#41
 1,1'-Biphenyl
 Concen: 1.02 ng/ul
 RT: 13.53 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BG020644.D
 Acq: 31 Dec 2015 16:36

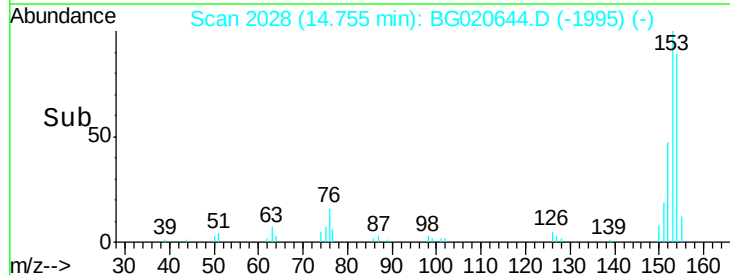
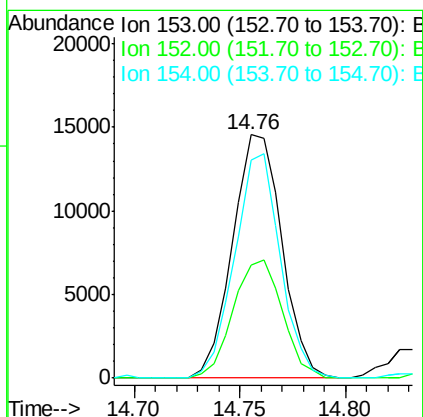
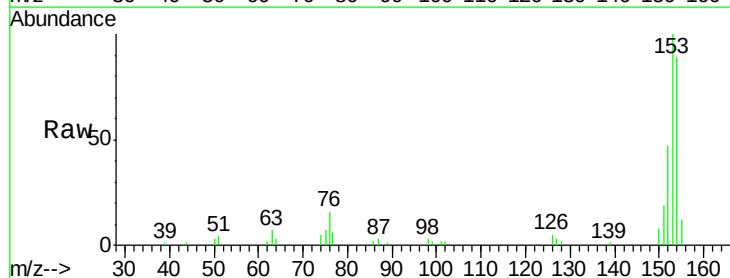
Instrument :
 BNA_G
 ClientSampleId :
 D9N65DL

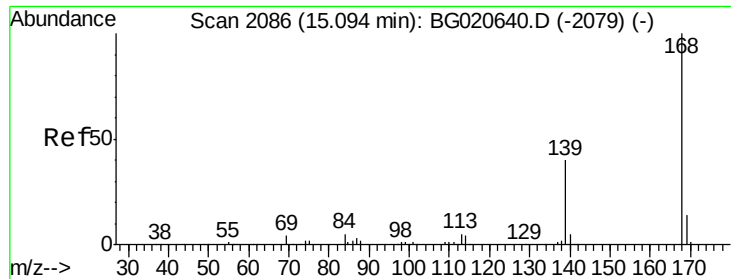
Tgt Ion:154 Resp: 4827
 Ion Ratio Lower Upper
 154 100
 153 36.0 34.0 51.0
 76 13.6 8.4 12.6#



#50
 Acenaphthene
 Concen: 5.62 ng/ul
 RT: 14.76 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BG020644.D
 Acq: 31 Dec 2015 16:36

Tgt Ion:153 Resp: 23604
 Ion Ratio Lower Upper
 153 100
 152 46.7 37.9 56.9
 154 89.4 69.8 104.6





#54

Dibenzenofuran

Concen: 2.92 ng/ul

RT: 15.09 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG020644.D

Acq: 31 Dec 2015 16:36

Instrument :

BNA_G

ClientSampleId :

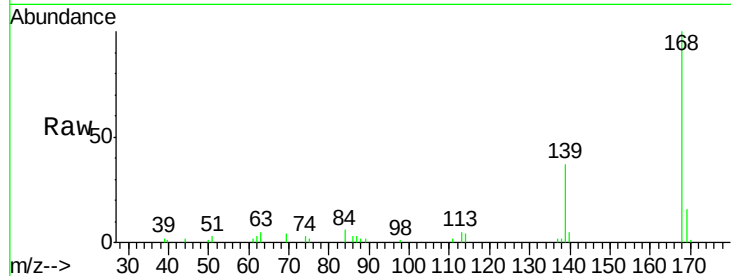
D9N65DL

Tgt Ion:168 Resp: 18499

Ion Ratio Lower Upper

168 100

139 37.5 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

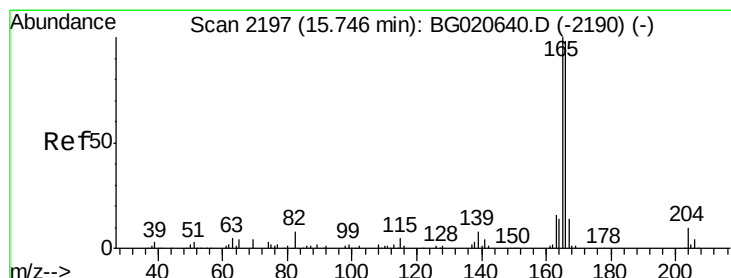
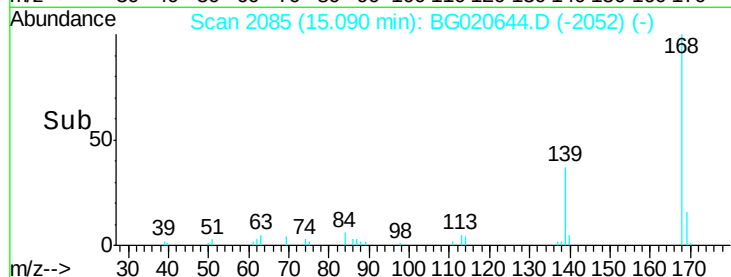
15.09

10000

5000

0

Time-->



#59

Fluorene

Concen: 2.50 ng/ul

RT: 15.74 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG020644.D

Acq: 31 Dec 2015 16:36

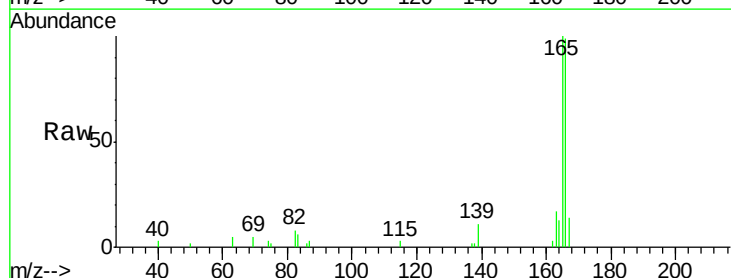
Tgt Ion:166 Resp: 12743

Ion Ratio Lower Upper

166 100

165 101.1 78.4 117.6

167 14.5 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.74

12000

10000

8000

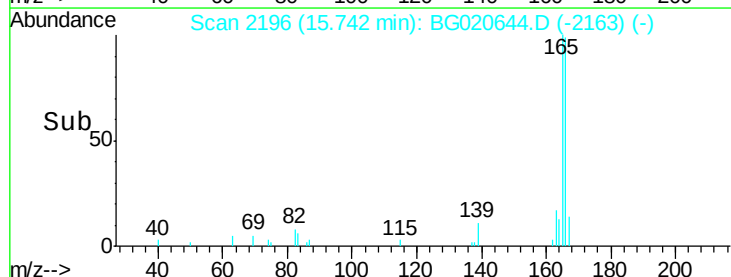
6000

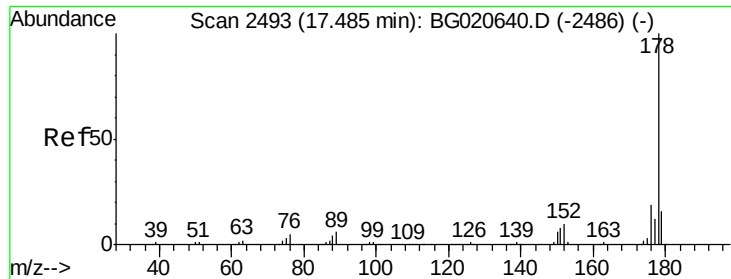
4000

2000

0

Time-->





#70

Phenanthrene

Concen: 2.77 ng/ul

RT: 17.48 min Scan# 2492

Delta R.T. -0.00 min

Lab File: BG020644.D

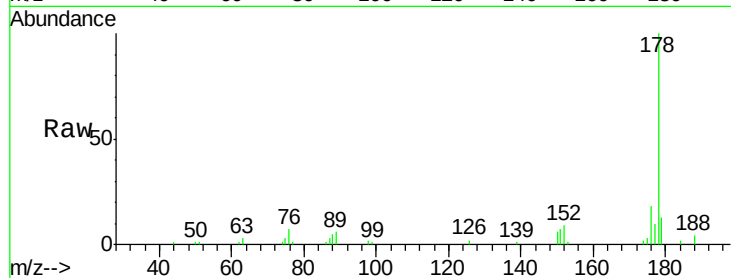
Acq: 31 Dec 2015 16:36

Instrument :

BNA_G

ClientSampleId :

D9N65DL



Tgt Ion:178 Resp: 24900

Ion Ratio Lower Upper

178 100

179 13.0 12.3 18.5

176 17.9 15.4 23.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

